

Foundational CTE Courses

Career Exploration (22151) Employability (22152) Entrepreneurship (12053) Foundations of Technology (10004) Leadership & Service (22101)

Cluster Courses

Introduction to Manufacturing (13001) Intro to Technical Education (21051) Electronics (17106)
Introduction to Drafting & Design (21102) MS Intro to STEM (21050) MS Mechatronics/Robotics (21049)

Pathway Courses

Production Pathway	Manufacturing Production Process Development Pathway	Maintenance, Installation & Repair Pathway	Quality Assurance Pathway	Logistics & Inventory Control Pathway	Health, Safety & Environmental Assurance Pathway
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Machine Tool Technology (13203)

Advanced Machine Tool Technology (13204)

Welding Technology (13207)

Advanced Welding Technology (13208)

Robotics (21009)

Introduction to
Engineering (21001)

Engineering Design &
Development (21007)

Mechanical Drafting &
Design (21106)

Introduction to
Engineering (21001)

Engineering Design &
Development (21007)

Mechanical Drafting &
Design (21106)

Dual Credit Courses

Visit www.sdmylife.com for a full list of dual credit courses in the Manufacturing Career Cluster.

Academic CTE Courses

Geometry (02072^) Pre-Calculus (02110) Physics (03151^)

Capstone CTE Courses

Entrepreneurship Experience (80026) Senior Experience (80019^) Youth Apprenticeship (80020) Service Learning (22104) Youth Internships (80018^)